



HERE ARE MOST OF THE COORDINATORS FROM Y-12 AND ORNL DIVISIONS in the Y-12 Plant Area planning the observance of Spring Clean-Up Week April 20-26. Clockwise around the table are Al Hinton, Alloy; Bob Helton, ORNL; E. E. Johnson, Maintenance; Capt. E. F. Greer, Y-12 Fire Department; Floyd Ludwig, Mechanical Operations; Glen Mowery, Alloy; Howard Hicks, ORNL; W. H. Hubbs, Alloy; John Norris, ORNL; Y-12 Fire and Guard Chief W. O. Elam; Jack Garland, Finance and Materials; W. P. Smith, Maintenance; O. W. Briscoe, Technical; John Minchey, Maintenance; Bob Orrison, Technical; Carl Cooper, Industrial Relations; and Bill Littleton, Chemical.

## Y-12 Youngsters Take One First Award, Two Second Prizes And One Third At Fair

### Two Certificates Of Excellence Also Are Won As 90 Excellent Science Exhibits Are Displayed

(Pictures Of Winners To Be Published Next Week)

Scientifically-minded youngsters of Y-12 parents did mighty well by themselves in the annual Oak Ridge Science Fair held last Friday at the high school cafeteria. Out of 90 excellent exhibits, entries by

### ACCIDENT SEVERITY RATE IS DESCRIBED

What a difference one little word can mean. In a story on safety in The Bulletin last week the word "lost" was omitted from the description of the severity rate of accidents. The sentence should have read "the severity rate is the number of days of work lost for each 1,000,000 hours of plant operations." So, that others may not make the same mistake—here's the correction.

### Round Table Meeting Set By Corrosion Engineers

The East Tennessee Section of the National Association of Corrosion Engineers will hold a round table meeting at 8 o'clock tonight, Wednesday, April 16. The session will be in Room B, Oak Ridge Institute of Nuclear Studies Training Building, Laboratory Road. The topic will be "Hydrogen in Protection and Corrosion of Metals." All Y-12ers interested in the subject are invited to attend.

### 90 Cents Dividend Declared By Union Carbide For June 2

The board of directors of Union Carbide Corporation has declared a cash dividend of 90 cents per share on the outstanding capital stock of the Corporation, payable June 2 to stockholders of record on April 18. The last quarterly dividend paid by Union Carbide also was for 90 cents per share paid on March 3 of this year.

pupils with parents working in Y-12 took one first place, two seconds and one third. Two certificates of excellence also were awarded Y-12 youngsters.

The first place award in the physical science division went to Stan Anderson, stepson of J. D. Padgett, of Process Maintenance, with an interesting display entitled "Solid Fuel Rockets." Stanley and Carl Helrich, Jr., collaborated in the project and, of course, shared in the honors. These youngsters, incidentally, broke into the news not so long ago by actually successfully firing a rocket of their own design and manufacture in Oak Ridge.

The other three award winners all were prize repeaters from the 1957 fair. The Whitten brother-sister team, whose father is J. A. Whitten, Z Area, each won second place awards. Jim Whitten, a pupil in Robertsville Junior High School, came in second in the junior division with his well designed and thoughtful exhibit of "Cotton Seed Products." His high school junior sister, Sandra, finished second in the biology science division with her entry, "Hiruden the Anticoagulant," the thoroughness of which also highly impressed the judges. Adrian Lawler, son of R. G. Lawler, Alpha Four, was given a third place rating in the biology group with his excellent portrayal of "Household Insect Pests." Young Lawler is a senior in high school and last year was an international exchange student from Oak Ridge, spending several weeks in Europe.

The certificates of excellence for Y-12 youngsters went to Price Foster, son of B. B. Foster, Sr., Mechanical Department; and Jay Bowles, whose father is J. Clyde Bowles, Mechanical Inspection. Young Foster's exhibit was on "Production and Analysis of Heavy Water" while Jay Bowles' entry was "Electronic Computer."

### SAFETY SCOREBOARD

The Y-12 Plant Has Operated  
118 Days Or  
3,734,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling Injury  
Through April 13  
Phone 7755  
For Daily Report  
On Accident-Free Hours

### Westinghouse Man To Address AIEE

#### Semiconductor Devices Are To Be Discussed

The Oak Ridge Section of the American Institute of Electrical Engineers will hear a lecture, illustrated with slides, on "Applications of Semiconductor Devices to Switching and Control," at its meeting on Friday night of this week, April 18. The meeting will be in the Coral Room of the Ridge Recreation Hall and the speaker will be Andrew P. Kruper, of the product engineering division of the Westinghouse Electrical Corp., Youngwood, Pa.

The characteristics of semiconductor devices when used as switches will be compared to more conventional types. Applications will be reviewed, extending from the microwatt level to the kilowatt level. Newer equipment appearing in the field that overcome some of the limitations of existing devices also will be discussed.

Kruper is a graduate of the Carnegie Institute of Technology where he received his B.S. degree in physics in 1938. He has been with Westinghouse since 1951, two years of which were spent on development of color television picture tubes in the research laboratory and for the past five years he has been engaged on semiconductor device applications.

## Spring Clean-Up Week April 20-26 Has Spic And Span Plant As Aim

### Observance Reminder Of Year Around Drive To Eliminate All Fire And Accident Hazards

Stressing the Y-12 Plant's year around accident-prevention and fire-prevention programs, the annual observance of Spring Clean-Up Week, April 20-26, will provide a refresher course and the opportunity for a concentrated campaign to eliminate every potential fire and accident in the plant area. Backed by a proclamation of Y-12 Plant Superintendent John P. Murray, every Y-12er will be urged to wholeheartedly cooperate in making both the plant and their homes a safer and more pleasant place in which to work and live.

In his message to all Y-12ers, Superintendent Murray said:

"All supervisors should coordinate their efforts during this week and clean up their areas both inside and outside buildings. Considerable progress has been made in the outside areas to make the plant more attractive and rubbish free. Each division and department in the plant should make every effort to remove all excess material which could be a fire or accident hazard."

"Maintenance Division supervisors will work with coordinators and remove excess material and rubbish after it has been accumulated. The Fire Department will assist in any possible way to make Spring Clean-Up Week a success."

#### Discussed At Meetings

Fire, safety and security coordinators from all Y-12 divisions and Oak Ridge National Laboratory groups in the Y-12 Plant Area met last week to make final plans for Spring Clean-Up Week observance. For some time, since Spring Clean-Up Week observance was announced, divisional, departmental and group meetings in the plant have devoted much discussion to the campaign with plans made to thoroughly cooperate in making the plant spic and span.

Inspections have been scheduled for before, during and after Spring Clean-Up Week to ferret out any fire and accident hazards that might have been created by accumulation of all unneeded material and rubbish that accumulates during every winter. These inspections are widespread to cover offices, lockers and locker rooms, work shops and tool rooms, vaults, aisles, laboratories, exits and stairways, loading platforms and docks and premises around buildings. Every individual UCNC employee in the Y-12 Plant Area will be urged to clean-up his immediate working area.

#### Keep Clean All Year

With these goals accomplished, even better housekeeping principles will be instituted to keep the entire plant area as clean as possible throughout the year.

Another phase of Spring Clean-Up Week activities will be to review with all employees the location and proper use of fire extinguishers, fire alarm boxes, how to turn in fire alarms through the boxes and also by telephone and what to do in case of fire. Prompt action by Y-12ers in the past has stopped or prevented the spread of fires on several occasions.

#### Home Clean-Up Important

Turning to home Spring Clean-Up programs, it is pointed out that most home fires start in trash piles, rubbish or stored odds and ends that accumulate in and around a



## UCNC 'Spot Bid Sale' Of Vehicles Is Set

### 119 Items To Be Sold May 1 At Warehouse

A "spot bid sale" of 119 used Government-owned motor vehicles will be held on Thursday, May 1, at the Union Carbide Nuclear Company Warehouse 0101-2 on River Road, near Elza Gate, Oak Ridge. The vehicles to be sold include 83 pickups, 15 passenger automobiles, seven panel trucks, five trucks of miscellaneous size, three carryalls, three scooters and three lift trucks.

No invitations to bid or description of property offered will be mailed for this sale. However, the vehicles will be available for inspection at the warehouse from 8 a.m. through 3 p.m., starting April 21 through April 26 and from April 28 through April 30 and on May 1 up to the time bids are closed.

It is expected that the analysis of bids and awards will be completed about noon on May 1, as the bids will be opened at 10 a.m. Delivery probably will be made between 1 p.m. and 4 p.m.

No deposit is required with a bid and purchased vehicles will be delivered on payment in full by cash, money order, cashier's check or certified check payable to UCNC. Successful bidders will be allowed until 4 p.m., Friday, May 16, to pay for purchased vehicles and if payment has not been made by that time the sale will be cancelled.

### Welding Society Will Hear Talk By Union Carbide Man

J. R. Bates, of the Union Carbide Chemicals Company, South Charleston, W. Va., will address the Northeast Tennessee Section of the American Welding Society next Tuesday night, April 22. The meeting will be at Thompson's Restaurant, Clinton, with dinner starting at 7 p.m., to be followed by the technical meeting at 8 p.m. Bates' subject will be "Materials of Construction for Chemical Plant Equipment." All Y-12 members of the AWS and those of other technical societies are invited.

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# The Bulletin

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Y-12 Employees Of  
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NUCLEAR COMPANY  
Division Of  
Union Carbide Corporation  
GEORGE W. DOBBS . . . Editor

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## Dr. Grigorieff Named To Post With IAEA

### ORINS Official Leaves May 15 For Vienna

Dr. W. W. Grigorieff, chairman of the University Relations Division of the Oak Ridge Institute of Nuclear Studies and well known to many Y-12ers,



Dr. Grigorieff

change and Training of Scientists and Experts.

Dr. Grigorieff will leave Oak Ridge May 15 under a one-year leave of absence to take over his new duties at IAEA headquarters in Vienna, Austria, on June 1.

The IAEA was formally organized in Vienna in October, 1957. It is a direct outgrowth of a proposal made by President Eisenhower four years previously. The agency is an international organization and independent of any national government. Its purpose is to accelerate and enlarge the application of atomic energy to peace, health and prosperity throughout the world and to insure that the assistance it provides is not used to further any military purpose. The IAEA staff is composed of representatives from many different nations.

In addition to his post with ORINS, Dr. Grigorieff has been national executive secretary of the American Nuclear Society since September, 1955.

## Accountants Set Forum Meetings At University

The sixth annual discussion forum sponsored by the Knoxville-Oak Ridge Chapter of the National Association of Cost Accountants will be held at the University of Tennessee in Knoxville, April 22, 24, 29 and May 1. With a total of 12 subjects set for discussion, the general theme of the meeting will be "A Profile of the Modern Accountant." The meetings will be at 7 p.m. each day of the forum in Room 135, College of Business Administration. All Y-12ers engaged in or interested in accounting are invited to the forum sessions.

## TASTY BEEF DISHES ON SPECIAL LUNCHES

A couple of tasty beef dishes have been selected for the 50-cent Special Lunches to be served at the Y-12 Cafeteria tomorrow, Thursday, April 17, and next Tuesday, April 22. For tomorrow the Special Lunch will feature smoked beef tongue with raisin sauce. Roast beef hash will be served next Tuesday. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.



Hi folks! Here it goes—the chit and chatter from a whole host of Y-12 precincts—

### INDUSTRIAL RELATIONS

The Cafeteria staff and many other friends of **Jamie Goodman**, the super-dooper pastry cooking fellow, extend sympathy to him and his wife, Etoy, a former Cafeteria worker, on the death of Mrs. Goodman's mother in Columbus, Miss., April 4 . . . **Willie Braden** is vacationing for a couple of weeks at her home in Oliver Springs.

### CHEMICAL

**H. B. Renfro**, Chemical Department, was a vacationer last week—probably doing a little fishing . . . A recent week-end visitor to South Carolina was **N. D. Pickens**.

The Proud Pop of the Week in Product Processing is **Fred R. Hardin**, the proudest ever, of an eight-pound, two-ounce baby boy born April 4—the Mom is Peggy Hardin, a former Y-12er in Engineering—so congratulations from one and all.

### FINANCE AND MATERIALS

**C. A. Sparks**, Production Inspection, the fishin' feller who went over to Fontana to catch some "bait" for use on "big" fish in Watts Bar and Norris found it so cold the bait wouldn't bite the bait—so he was so unhappy he visited his wife's kin folks.

Easter holidayers from Tabulating Services included **Mildred Kasten** with her parents in Jackson, Mo., and **Elizabeth Wilson** with her mother in Newton, N. C. . . . **Lois Secrist's** brother, Phil, and his family from Atlanta, Ga., visited her over the past week end . . . Another host over the week end was **John Childress** and family with his sister, Betty Lou Snow, from Pittsburgh, Pa., as guest . . . **Bettie Martin** went up to St. Charles, Va., and **Kate Penland** visited her parents in Highland, N. C., over the week end.

**Clara Smith**, Materials, is vacationing at her home in Clinton and **J. R. Bayless** is doing likewise in Oak Ridge. SS Material Control had several folks Easter-egging in numerous and sundry places . . . **Bertha Crowder** went to Kentucky . . . **Charley Gillihan** visited Paris (Tennessee, that is) . . . **Kay Dickey** saw kin folks in Alabama. **Nancy Garrison** spent the holidays with her parents in Anderson, S. C. . . . **Evelyn Bell** and her husband, Donald, were real gone to Georgia.

### MAINTENANCE

Maintenance Planning warmly welcomed newcomer **R. G. Trehearne** last week . . . **Jimmy Price**, the new Co-op in the department, last week motored down to his old Alma Mammy at Auburn, Ala., and then ambled over to his home near Atlanta, Ga. . . . **Andy Halcombe** and family went to Kentucky for the Easter holidays to show the new son, Mark Andrew, a look at Daddy's old home state. . . . **John Irving** and the missus drove down to Atlanta for his long week-end off.

The Mechanical Department extends deepest sympathy to **C. A. Franklin**, whose mother died recently . . . Also to **H. A. Morrow** and **F. H. Morrow**, whose uncle died a few days ago . . . The welcome mat was rolled out last week to **C. E. Nance**, returning from loan to the Mechanical Operations Division . . . The gang is glad to have **R. W. Miller**, **A. L. Donald** and **E. Bailey** back from sick leaves . . . Get well wishes are rushed to **W. J. Wanamaker**, **H. L. Jameson** and **F. G. Daugherty** . . . **F. L. Rigney's** family has moved in from Kentucky and are making their home in Clinton . . . **M. J. Talley** and family are setting up housekeeping in their new Oak Ridge home, moving from Knoxville . . . **J. S. Dunlap** is circulating

a big fish story—that his party caught 93 finny specimens at Dale Hollow Lake over the Easter week end . . . **R. J. Malone** is finishing up his spring plowing at Lenoir City while vacationing . . . **Desma Blair**, the Colyum's news-gatherer in Mechanical, and her husband, **Frank**, Process Maintenance, were to try their luck fishing at Center Hill last week end.

**L. T. Sliger** was a Florida vacationer last week . . . **C. A. Pickens** and daughter, Cecile, visited in Mississippi during the Easter week end . . . **A. M. Schrader** and **F. K. Booth** will be in St. Louis, Mo., this week . . . Get well wishes go to **C. P. Darnell**, in Ft. Sanders Presbyterian Hospital, Knoxville; and **G. H. Young**, both floored by the flu . . . **Len Hart**, Y-12's champion bowler, was welcomed back last week after being out ill for 10 days.

**A. P. Waugh**, Research Services, is vacationing for a couple of weeks, visiting Niagara Falls, N.Y., and also doing some fishing . . . A cordial greeting was extended last week to transfers **C. L. Gosage**, **J. L. Spray** and **H. H. Terry** and also to rehire **J. B. Farner** . . . Condolences are extended **H. A. Mayes**, whose grandfather died April 7 at Middlesboro, Ky., and also to **D. J. Wood**, whose brother died April 5 at Bristol, Tenn.

**G. F. Beck** and family, Electrical Maintenance, are vacationing around Nashville . . . **L. J. Adkisson** is doing a little landscaping around his home while vacationing . . . Get well wishes are sent **J. L. Watkins**, **H. B. Milhorn**, **J. R. Pitts**, **W. E. Wilson** and **J. D. Slaughter**.

**V. A. Mattox** and **J. M. Johnson**, Buildings and Grounds, are spending the week on some lake hereabouts—trying their darndest to catch that first fish of the season. . . . **Howard Horne** and **Ernie Cobble** were in Florida last week. . . . Get well wishes go to **C. S. Brown**, **C. L. Evans**, **P. L. Cook**, **R. E. Brown**, **J. W. Raines** and **W. H. Buck**, ill at home last week; and to **W. H. Younger**, in Oak Ridge Hospital.

**G. T. Miller** is back at work in the Laundry Department after a week at home in Clinton . . . **Maude Duncan** picked Briceville for her vacation . . . **C. A. McAlister** Eastered in Manchester, Tenn., getting acquainted with his new granddaughter, five weeks old, who he describes as a "perfect little doll."

### TECHNICAL

The SD Chemical Development group of Development Operations reports **Bill Burns**, the Colyum's old baseballing buddy, is gardening and fishing while vacationing at home in Kingston . . . Sympathy is extended **John Ward**, whose mother died recently in Richmond, Va.

**Bob Hankins**, of the Chemistry Group of Development Operations, vacationed last week at his old home in Little Rock, Ark., and other parts of the Razorback state.

**Colman Wright**, of Engineering Physics, divided his vacation between Nashville and Oak Ridge and plans some fishing . . . **Elkin Burkhardt** spent last week Down Amongst the Sheltering Palms doing some fishing and golfing . . . Get well wishes are sent **Mary Sladky**, wife of **Dick Sladky**, ill in Baptist Hospital, Knoxville.

**I. G. Speas**, Piping Engineering, was at the pasture pool activities at the Masters' Golf Tournament in Augusta, Ga., getting some tips from the experts on how to play the game in Oak Ridge . . . **R. McKnight** is in Florida for a week. . . . **H. D. Landry** is visiting his ill mother in Mobile, Ala., and pals send get well wishes to her.

The **Paul Bayers**, of Mechanical Engineering, are vacationing in Pottsville, Pa., and meanwhile ground has been broken for their new home in the Pleasant Ridge Park section of Knox County . . .



**AN ATTRACTIVE** snapshot showing good composition taken by **R. E. Lee**, Alloy Shop, of a scene in a Mobile, Ala., city park, at top, took first place in the Y-12 Weekly Photographic Contest for the week ending April 11. **Howard Horne**, Buildings and Grounds, took second place with the lower picture of one of his youngsters playing on a large pile of dirt.

The **M. B. "Wimpy" Hiltons** celebrated their 20th wedding anniversary last week—congratulations . . . **John Bennett** is reported to have sawed the legs off his drafting board to make it look like an executive's desk . . . **Harvey Hankins** is going around bragging all about the big crappie he has been catching.

Industrial Engineering sends best wishes to **Phil Breman** for a speedy recovery and quick trip home from Oak Ridge Hospital . . . A deep understanding sympathy goes out to **Norma Kennedy**, ill at home—with the measles.

**Louise Beets**, Laboratory Operations, was a recent week-end visitor in South Carolina . . . **Marie Dinsmore** and her husband **John**, Product Processing, are sun-seeking in Florida.

**Ruth Ruffner**, Special Testing, is vacationing in Baltimore, Md. . . . Get well wishes are sent **C. B. Burnette**, on the ailing list.

Special Projects warns fellows elsewhere in the plant to "watch their Kewpie dolls, now that **Larry Rinderer** has that new red automobile" . . . **George Lockhart** and **George McGown** are settled down in their new home in the plant—Alpha Four—but still toiling for this department.

### ALLOY

**S. R. Brown**, Alpha Five, is vacationing at home in Oliver Springs—painting his house (that's a vacation?) . . . Get well wishes are sent **P. J. Conerly**, **T. W. Robinson**, **P. V. King** and **Susan** and **Matha Evans**, little daughters of **George Evans** . . . **B Shift** says "Howdy" and welcome back to **T. L. Hart** . . . Also, the staff section spreads the welcome mat for **J. E. McNabb**, returning to the day shift . . . Alpha Five folks extend their deepest sympathy to **Benson Garratt**, whose mother-in-law, Mrs. Callie Love, died last week. Mrs. Love is the mother of Mrs. Boodie Garrett, a former Y-12er who worked for nine years in the organization.

### MECHANICAL OPERATIONS

Tool Grinding and Machine Maintenance again sends rapid recovery wishes to **C. F. Charpie**, absent because of an extended illness and who returned to the hospital last week . . . Also to **R. A. Guy**, **J. H. Oldham** and **O. W. Breedlove** . . . **J. A. Phillips** is dividing his vacation between

Continued on Page 4



Get well wishes are sent to the following Y-12 employees who were patients last week in Oak Ridge Hospital:

**P. J. Breman**, Industrial Engineering; **W. H. Younger**, Buildings and Grounds; **C. F. Charpie**, Tool Grinding and Machine Maintenance; **J. R. Mangrum** and **T. H. Coulter**, Product Processing; **H. L. Harrell**, Tools; **Lewis Skeel**, Alpha Four; **R. L. Eachus**, Stores.

## Mechanical Engineers Set Talk On Patents April 17

The Oak Ridge Group of the East Tennessee Section of the American Society of Mechanical Engineers will hear a talk on "Patents and Patent Systems" at its meeting tomorrow night, Thursday, April 17. The meeting will be at the Mayflower Grill, Jackson Square, Oak Ridge, with dinner served at 7 p.m., followed by the business session at 8 p.m.

**M. J. Skinner**, for the past 10 years with Oak Ridge National Laboratory and now in charge of its patent office, will be the speaker. He will describe what items are patentable, how individuals may obtain patents and Company regulations concerning patents.

## 'Rocky Mountain Rambles' Last Audubon Tour Lecture

The final Audubon Screen Tour of the 1957-1958 season will be presented at the Jefferson Junior High School auditorium next Monday, April 21, at 7:30 p.m. It will be "Rocky Mountain Rambles," to be offered by **Emerson Scott**, of Caro, Mich.

**Scott** is a member of the Adventurer's Club, of Chicago, and the International Platform Association Photographic Society of America. His "Rocky Mountain Rambles" take him from high in the peaks of Colorado to a boat trip down the Yampa River in Dinosaur National Monument.

## Linde Co. To Provide Oxygen For Steel Firms

The Linde Company, a division of Union Carbide Corporation, has one new on-site oxygen plant in operation and is building two more to supply the gas to steel plants in Pennsylvania. The completed plant is at Monessen, Pa., which can supply 140 tons of high and low purity oxygen daily for the Pittsburgh Steel Co. One of the other projects now being constructed is for the Lukens Steel Corp., at Coatesville, Pa. This plant, when completed about January 1, 1959, will be capable of producing 80,000,000 cubic feet of oxygen monthly. The second plant to be built is for the Detroit Steel Company operations at Portsmouth, Ohio, and will be capable of producing 20,000,000 cubic feet of high purity oxygen monthly. Its output will be geared to the requirements of the steel mill.

## Y-12 SQUARE DANCERS VISIT EAST TENNESSEE

A do-si-do and "Swing Yore Partner" square dance group from Y-12 recently invaded East Tennessee for a session with the East Tennessee Square Dance Club at the Tennessee Eastman Corp. Recreation Hall at Kingsport. Included in the delegation were **Ed Armstrong**, General Machine Shop; **Robert Baker**, Electrical Maintenance; **J. L. Scott**, Dogwood Shop and **William Rowland**, Z Area. They were accompanied by their wives.





'A' SHIFT FISHERMEN AND GUESTS REALLY ENJOYED a fishing rodeo staged recently on Watts Bar Lake, as these fine pictures of activities reveal. At left J. T. Shumpert, of Stores, with back to camera in bow of boat, and his guest,



E. T. Donald, seek the big 'uns along the rugged lake bank. A forest of stumps, always the hangout of large fish, is shown in the center picture (the lake level was down some eight feet below normal) with the boat occupants, from bow toward



stern, being M. L. Sweet, Alpha Five; a guest, D. R. Daggle; and Joe Delmont, also of Alpha Five. In the picture at right, from left, are D. Nelson and John Maxwell, both of the Guard Department.

## SIX TEAMS JOIN Y-12 SOFTBALL LOOP

### Y-12 Clippers Win Women's Division Crown In All-Carbine Bowling Meet

Scrappers Are Fourth In Field Of 13 Teams; Wolves Third, Rippers Eighth In Men's Group

A Y-12 women's team won first place in the feminine division of the All-Carbine Bowling Tournament rolled over the week end at the Oak Terrace lanes when the Clippers came through with a 2919

### Biggest Golfing Season In Y-12 History Starts

The biggest golfing season in the history of Y-12 sports will be well underway by the time this edition of The Bulletin "hits the streets." A league of 14 two-man teams began operations at the Whittle Springs course in Knoxville last week end and a giant circuit of 24 teams is scheduled to begin swinging this afternoon, April 16, at the Oak Ridge Golf and Country Club.

#### 24 Teams In Ridge Loop

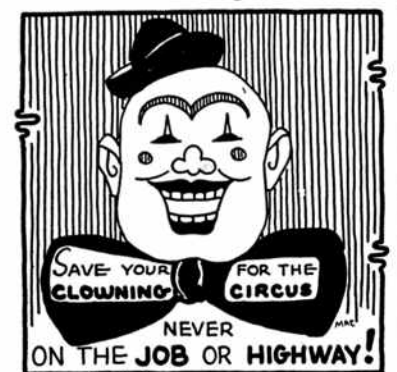
The Oak Ridge league was increased to 24 teams last week with the addition of A. H. True-Frank Kennedy and C. C. Hopkins-W. E. Belvin, to make it the biggest loop ever to be formed by Y-12ers. Because of the size of both the Oak Ridge and Knoxville leagues, only one round of play will be scheduled in each.

The championship of the Oak Ridge league for 1957 went to the team of Art Hines and Logan Emmet. The Tom Perry-M. R. Emery combination took first honors in the Knoxville circuit.

#### First Tournament May 3

Meanwhile all Y-12 golfers are looking forward to the first Y-12 Plant Tournament of the season to be played on Saturday, May 3, at the Oak Ridge course. A record entry list of more than 100 divot diggers are expected to play in this first of five tournaments to be held for Y-12ers throughout the summer months. Other tournaments will be played at the Deane Hill Country Club near Knoxville and at the sporty mountain course at Gatlinburg. Dates will be announced later.

One good thing about silence is that it cannot be repeated.



handicap score to lead 12 other teams of distaff keglers. In fourth place in this division were the Y-12 Scrappers with 2732.

The championship team was composed of Shirley Brown, Nell McGinnis, Katie Williams, Louise Eubanks and Joanne Osborne.

In the men's division the Classic League Wolves landed in third place with a 3045 handicap tally. The Rippers, of the same league, finished eighth with 2951 and the Rebels, also in the Classic loop, came in 10th with 2942. There were 61 men's teams in the tournament.

Singles and doubles will be rolled this week end at the Oak Terrace alleys to complete the tournament.

### Y-12 Archers Plan To Organize Today

An organizational meeting for the Y-12 Archery League will be held at 1:30 o'clock this afternoon, Wednesday, April 16, in the Y-12 Recreation Office, Room 226, Bldg. 9704-2. The league's initial season last summer proved highly successful with quite a few Y-12ers engaging in the ancient and interesting sport.

Anyone in the plant wanting to take part in the bow and arrow pastime this summer is urged to attend the meeting today.

Y-12 archers and other veterans of the sport will hold the last of a series of instruction classes at 1:30 p.m., Sunday, April 20, at the Oak Ridge Sportsmen's Association outdoor range. Beginners are cordially invited to attend the class and learn how fascinating the game can be.

### Lenoir City Golfers Are Ready To Open

The Lenoir City Golf League for Y-12 Plant players added another team last week to bring its membership to eight twosomes for the season. Competition will open during the week beginning next Monday, April 21, at the Cedar Hills Golf and Country Club at Martel.

Teams ready to start the season of two rounds of play each are W. E. Loveless - A. J. Houston, the last team to enter the circuit; E. S. Henck - F. K. Clabough, W. C. Collins - L. C. Watson, M. F. Gilliam - J. L. Gilliam, L. C. Thompson - E. W. Rogers, L. E. Kinkaid-W. R. Hicks, C. E. Spradlin - R. F. Knott and W. R. Raper-C. Y. Redding.



THIS SASSY SMALLMOUTH bass couldn't resist a Stewart Black Jig lure cast into Watts Bar Lake near Blue Springs April 4 by Hugh Stephens, Jr., of the Mechanical Department. This whopper certainly will be a strong contender for top honors in the Y-12 Annual Fishing Contest this year.

### Bumpers, Rebs Tied For Lead In Classic Loop

When the pins stopped tumbling last Thursday night at the Oak Terrace lanes after the weekly session of Y-12 Classic League bowling, two teams were tied for first place and two more for second, just three points behind the leaders. Only two more nights of alley activities remain for the big league in its third round of play.

The Bumpers climbed into a first place deadlock with the Rebels by blasting the Rebs by three points in a headon clash. The Swingsters arose to a tie with the Has Beens for the second rung on the ladder by blanking the Screwballs for four points while the Wolves were walloping the Has Beens for three. Three-point wins were posted by the Rippers over the Cubs, All Stars over the Tigers and Playboys over the Wasps.

Individual scoring honors were divided four ways. Roy Roberts, Has Beens, had a 223 scratch game; Ray Ellis, Playboys, 251 handicap game; Paddy Peckman, Rippers; 580 scratch series; and Elmer Green, Bumpers, 657 handicap series. The Wolves took most team scoring highs with a 1050 handicap game, 2606 scratch and 2966 handicap series. The Bumpers' 932 scratch game was best of the night.

#### League standing follows:

Team	W	L
Rebels	25	11
Bumpers	25	11
Has Beens	22	14
Swingsters	22	14
Wolves	20	16
Rippers	19	17
Tigers	17	19
All Stars	16	20
Wasps	14	22
Playboys	13	23
Screwballs	12	24
Cubs	11	25

### Season Opens May 5 At Pinewood Field

Round Robin Practice Play Starts April 21

With six teams definitely entered and more expected to sign up for the season, the Y-12 Plant Softball League was organized last Wednesday at a meeting of managers and representatives at the Recreation Office. A round robin schedule of practice games will start on next Monday, April 21 and regular league play will begin on Monday, May 5. All diamond activities will be on the Pinewood Park field, long the home of Y-12 softballers.

The six teams and their managers represented at the meeting last week were:

Early Birds, R. E. Gibson.  
Reactors, Harley H. Law.  
Engineers, J. W. Freeman.  
Cubs, J. C. Kendrick.  
C Shift, T. A. Ticea.  
B Shift, P. G. Hatmaker.

In hopes that more teams may be obtained for the league, a deadline of Monday, April 28, has been set for entering the circuit. Any groups or individuals interested in entering or playing with a league team is urged to communicate with the Recreation Department, Room 226, Bldg. 9704-2, plant phone 7753.

A schedule for the round robin practice games will be sent to all managers well before the period opens.

### Tackholes Take Y-12 Rifle Crown

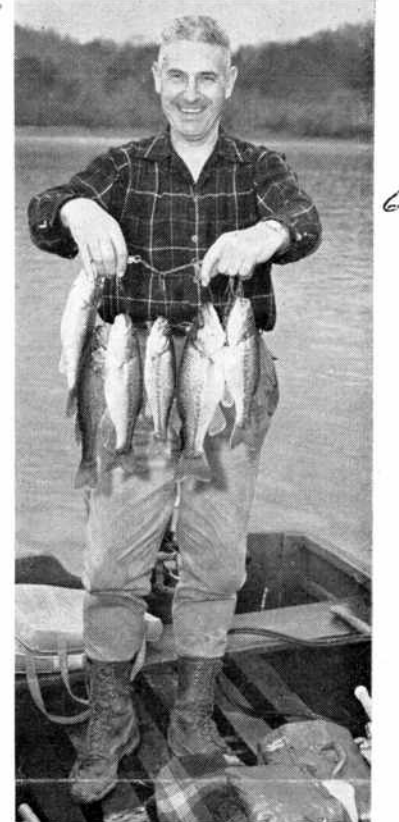
The Y-12 Rifle League wound up its season on April 1 after firing a schedule of 21 matches. The Tackholes team of W. B. Davis, A. J. Blay and Freda McGuffin took first place with a record of 29 wins against 13 losses. In second place was the Centershots of J. V. Ledbetter and J. H. Rowan with a 21-21 mark. In a deadlock for third and fourth place with 17 wins and 25 losses each were the 10Xs, consisting of C. G. Brewster and Fred Manning and the Pinwheels with M. W. McGuffin, W. A. Sahr and Ben Samuels on the squad.

Brewster topped Davis for individual scratch scoring with an average of 178.9 to 177.4. Davis won handicap scoring honors with 193.640 to 193.367 for Blay.

#### Averages for the season were:

Name	Sc	H
A. J. Blay	168.3	193.367
C. G. Brewster	178.8	192.661
W. B. Davis	177.4	193.640
J. V. Ledbetter	168.0	192.997
F. Manning	130.4	188.613
M. W. McGuffin	171.6	192.057
Freda McGuffin	137.1	190.053
J. H. Rowan	165.9	192.848
W. A. Sahr	168.7	193.047
Ben Samuels	115.5	186.480

Don't worry about finding your station in life. Someone will tell you where to get off.



NO WONDER VIRGIL LOVETT, Electrical Maintenance, is all smiles—look at that beautiful string of bass he landed recently in the A Shift Fishing Rodeo on Watts Bar Lake.

### Marksman Capture Pistolet Honors

The season in the Y-12 Pistol League was concluded last week with the Marksman team scoring its eighth straight double victory and finishing far out in front for top honors. The champions beat the Experts 487-383, scratch and 571.464-567.211 handicap. In the other match of the night the Sharpshooters eaked out a close 242-240 scratch and 284.734-248.472 handicap triumph over the Masters.

Top gun for the final matches was T. J. Bush, Marksman, with 248 scratch, C. G. Brewster, also a Marksman team member, led in handicap firing with 286.440.

Team	W	L
Marksman	32	10
Sharpshooters	21	19
Masters	14	26
Experts	14	28

### Harriman League Opens On April 22

With three teams from the Y-12 Plant Area, four from the K-25 Plant and one from Oak Ridge National Laboratory, the All-Carbine Golf League at the Harriman Golf and Country Club is scheduled to open hostilities on Tuesday, April 22.

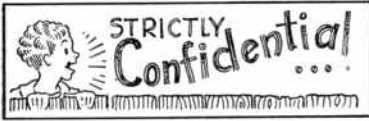
From the Y-12 Area are teams composed of E. C. Ellis-J. Anglin; Bill Hamill-Hobie Thomas; and John Gregory-R. W. Cloyd. K-25 entrants are J. Winter-T. Carter, J. Sharp-H. Creswell, J. Baird-R. Delinder and J. Herman-S. Brownlie. ORNL has entered Bill Martin-Bruce Isham.



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Continued from Page 2  
Birmingham and Montgomery, Ala. . . F. A. Stewart, also vacationing, hopes to do some fishing—and if they ain't biting, to visit a brother in Sparta, Tenn.

Z Area sends get well wishes to J. W. Rolston . . . Newcomer F. C. Fluri was welcomed last week.

The Sunflower Shop welcomes R. C. Andrews, R. F. Phillips and R. R. Stokes back after long illnesses . . . Then rapid recovery wishes are sent F. N. Leonard, ill at his home in Birmingham, Ala. . . . Newcomer J. F. Russell is welcomed to the department . . . Jessie Lewis Eastered in Livingston, Tenn. . . . Congratulations were being extended wholesale last week to C. E. Gage, whom the Stork blessed April 4 with a fine 10-pound, four-ounce baby girl at Ft. Sanders Presbyterian Hospital, Knoxville, to be named Elizabeth Jane.

The Alloy Shop is handing out a lot of kidding to Anglers E. H. Bates and O. H. Cunningham, whose recent fishing foray produced only a catch of carp . . . C. W. Wise was a home vacationer in Knoxville last week . . . Greetings and salutations were extended last week to newcomers R. E. Jones, E. H. Barton, B. A. Mingis, C. K. King, W. W. Clem, L. V. Morrow, B. B. Keith and F. J. Mason, all transferred back to the shop after duties elsewhere . . . Get well wishes are extended to Mrs. R. E. Monger, wife of the Colyum's scribe in that outfit.

Production Control extends sympathy to C. M. Jenkins, whose father died last week . . . O. L. Keene is a Florida vacationer this week . . . G. M. Haggard is taking it easy in and around Jacksboro. . . . J. C. Cate and W. W. Chase are home vacationers . . . During the long Easter week end K. O. Pearson went to Memphis and Jane Harvey took in Nashville . . . A. Grundman spent a short vacation over at Sewanee, Tenn. . . . Also back from rest periods are C. E. Jennings and W. S. Hansford—no details on whereabouts or what-doings.

Lee Johnson, Sunflower Foundry, is back from vacationing around Alabama in his new automobile . . . T. A. Ayles is a Florida vacationer . . . J. O. Loggins is spending two weeks at home in Harriman . . . Ralph Ford and family Eastered in Clanton, Ala.

The General Machine Shop is glad to welcome B. B. Addison back to work after a long illness. . . . Likewise to F. E. Shipley, Jr. . . . Charley Johnson is back home after a stay in Oak Ridge Hospital receiving rapid recovery wishes there . . . Also on the sick list are J. R. Murph and D. L. Bowers . . . J. L. Evans vacationed last week at Caryville, working on his new house . . . C. P. McLemore and Cliff Herrell are spending a week in Florida, seeking some of those big bass down in the Sunshine State . . . J. R. Belew spent last week visiting friends and relatives in Birmingham . . . Added to the get well wishes list is the son of W. J. Barker, in Oak Ridge Hospital suffering from pneumonia.

**SHIFT SUPERINTENDENTS  
AND GENERAL UTILITIES**  
General Utilities is waiting with



**ANOTHER CHAMP?** This is Dot Park, Plant Records, the Y-12 women's bowling champion, proudly holding her granddaughter, Linda Gale Wardley, as the seven-months-old youngster seems entranced at a display of holiday cards. The Grandpop is Homer Park, General Machine Shop and the mother is Mrs. Martha Wardley, of Knoxville.

## Cove Creek Area Given To State

The Cove Creek area of 2,120 acres of land located on Norris Lake has been transferred by deed to the Tennessee State Game and Fish Commission from the Tennessee Valley Authority. The area has been under management of the commission since March, 1940, and was established as a wildlife refuge at that time. In 1952 it was changed to a wildlife management area.

The Cove Creek area was used primarily as a source of live deer to provide nucleus herds for other areas. The area was too small to manage for hunting purposes, but was stocked with deer in 1940 to provide a place for live trapping. During the next few years a total of 50 deer were trapped and removed to other areas. Now, in conjunction with the Central Peninsula, the Cove Creek area is providing excellent deer hunting since it was opened to hunting in 1954.

## Prospects Bright For Deane Hill Loop

Prospects appear bright for formation of another All-Carbide Golf League, this one to operate at the Deane Hill Country Club. Quite a few Y-12 golfers and other Union Carbide Nuclear Company links enthusiasts live at West Hills and other residential sections near the Deane Hill Club and have expressed interest in the proposal. Any Y-12ers wanting to help form and play in a Deane Hill League are asked to communicate as soon as possible with the Y-12 Recreation Department, Room 226, Bldg. 9704-2, plant phone 7751.

bated (not baited) breath to hear from the fishing pair of R. P. Mann and Scotty Elsbree, scheduled to have gone angling at White's Creek on Watts Bar Lake last Saturday. . . . W. R. McCollister is spending two weeks in Florida.

That's about all for this time.

## Pleasantry On Phone Works Magic For All

**Tact, Identification, Friendliness All Help**

One of the most charming ladies we know always answers her telephone with a tone of voice that



would make you think she fully expected to hear the good news "you have just won the Irish Sweepstakes." It's no accident that she says "hello" in that fresh, bright tone. She learned long ago that the "voice with a smile" can work magic across the miles to an unseen conversationalist, just as a pleasant smile can set the tenor of a face-to-face conversation.

So we are doing a little crusading for pleasantry on the telephone, and it's a pretty good theme for any season of the year.

No set rules for telephone etiquette would be applicable to everyone, nor would such rules be desirable. But there are a few pointers all of us can observe to good advantage.

1. Answer your own telephone and place your own calls whenever possible. If the instrument is shared by several people one person is usually designated to take all calls, and in such cases the response should leave no doubt that the caller has at least reached the right office.

2. Be tactful. If you must find out who is calling before you refer the call to someone else don't say "Who's calling?" Chances are you'll irritate the caller and it may be reflected in his conversation with the one he wants to talk to if he meets the requirements to be connected. A far better approach is, "Yes, he is in. May I tell him who's calling?" That eliminates the inference that you have to establish your right to speak with Mr. Whosis.

3. Identify yourself. The caller should never assume that the person on the other end knows who is talking. Much time can be wasted, and embarrassment and confusion can result, by playing a "guess who" game with business associates. A good plan is to identify yourself to whomever answers the phone before asking to speak to someone else. "This is John Smith. Is Mr. Jones in?"

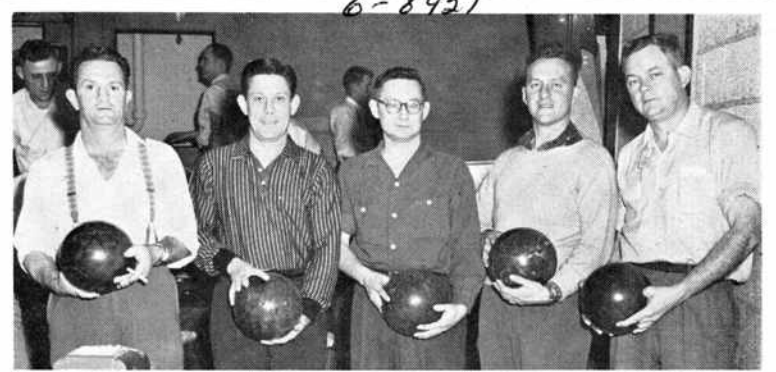
4. Be friendly. When you are being called to the phone and you have been told, "It's Mr. Brown," don't waste your caller's time by forcing him to identify himself again. Say "Hello, Jim," or "Mr. Brown?"

5. Be helpful. When taking a call for someone who is out of the office, be as helpful as possible. Say "I expect him back in 30 minutes," or "He's in a meeting which may last until noon," rather than simple "He's not here." That sort of response necessitates numerous questions to determine whether he's sick, transferred, out of town, or in conference.

6. Be brief. If it's an in-plant call and what you have to say will take more than five minutes you'd better take a walk and see the party.

7. Be prompt. When you find a note on your desk to call so-and-so, do it at once. You may think you know what he wants and that it's not important, but you could be mistaken, and in any case you'll be on his "list" if you fail to return the call within a reasonable time. Remember, he wouldn't have called if he hadn't thought it was important.

You probably have other points



**THE C LEAGUE OF Y-12 PLANT BOWLERS** provided some keen opposition and high class pin smashing during the past season. At top is the Chillers team, from left being S. C. Gallman, C. E. Tilley, A. L. Fischer, J. Franzreb and J. A. Whitten. Below is shown the B Shift aggregation, from left being Y. A. Stanley, C. Powers, E. K. Thompson, J. V. Haggard and J. B. Peters.

## Rides Wanted, Offered

**Ride wanted from Gravenston, Knox County, to any portal, H Shift.** F. E. Wright, plant phone 7074, home phone MY 1-6328, Knoxville.

**Want to join car pool from West Haven section, Knox County, to West Portal, straight day.** B. L. Bagwell, plant phone 7-8434, home phone 2-0603, Knoxville.

**Ride wanted from Whittle Springs section, Knoxville, to North Portal, straight day.** Elmer Henderson, plant phone 7996, home phone 3-5900, Knoxville.

**Ride wanted from Ogden Circle, Oak Ridge, to Central Portal, before 7:30 a.m.** J. H. Sims, plant phone 7-8349, home phone 5-0024, Oak Ridge.

**Woman wants to join car pool from Purdue Ave., vicinity, Oak Ridge, to University of Tennessee, Knoxville, daily.** D. C. Woodward, plant phone 7368, home phone 5-8320, Oak Ridge.

## Tennessee Fish Tops In Two Divisions

Tennessee fish again led the smallmouth bass and walleye pike divisions in the 1957 National Fishing Contest, according to the March issue of Field and Stream magazine. State fish won four of the top five spots in both of these species and took fifth place in the largemouth bass competition.

An eight-pound, nine-ounce lunger taken from Dale Hollow Lake by Dr. John Haley was first in the smallmouth bass division. Center Hill Lake gave up the top walleye in the form of a 21-pound, four-ounce giant hooked by Bennie Bryant on January 27, that also set a new United States record. A 12-pound, three-ounce largemouth bass taken by D. Ellis Walker from Dickson Lake was fifth in the Southern largemouth competition.

you think should be included in this list. But the main thing to remember is that the telephone is an impartial instrument that relays to someone else exactly what you speak into it. Your gestures and your smile are futile unless your voice conveys exactly what you intend to say.

Lawyer—"You say you want to get a divorce on the grounds that your husband is careless about his appearance?"

Client—"Yes, he hasn't shown up in nearly two years."

## Spring Clean-Up Aim Is Spic And Span Plant

Continued from Page 1  
house. Closets, attics and cellars are the main starting places of home fires, and plain, ordinary good housekeeping is one of the best ways to prevent both the start of fire and its spread. A real home clean-up for fire safety boils down to the choice of either getting rid of that extra stuff around the house that burns so easily—or keep on taking the long chance of living amid such idea fuel for fire. The same principle applies to outside the house.

So—for both the plant and home—remember "Sparky's" words—"Don't give fire a place to start."

## D Shift Fishing Rodeo Set April 17

D Shift fishermen will congregate at White's Creek on Watts Bar Lake beginning at 12:01 a.m. tomorrow, Thursday, April 17, for their first fishing rodeo of the season.

Quite a selection of fine prizes will be awarded for largest fish in several species and also on a drawing. The prizes will be a tackle box and reel for the biggest largemouth bass, a Coleman lantern for the largest smallmouth bass, a Coleman stove for the biggest crappie and two life jackets for the biggest pike. The drawing prize will be a valuable rod and reel.

A \$1 donation to the A Shift recreation fund is the only charge and tickets must be held to be eligible for any of the prizes.

## Linde, Chemicals Office Is Completed At Tulsa

A new district sales office for Union Carbide Chemicals Company and the Linde Company, both divisions of Union Carbide Corporation, has been completed in Tulsa, Okla. The single story building will provide office space for both firms as well as a stock room and repair area, to be used mostly by the Linde Company. Space also has been provided for customer demonstrations of Linde's most advanced welding and cutting apparatus.

He may have a sleek convertible, but the lines aren't new. Grandpa had the same under the moonlight in a buggy.